



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Paillaman et al.

Serial No.: 10/065,516

Filed: October 25, 2002

For: METHOD OF DETECTING CRACKS  
IN JET PUMP BEAMS OF A  
NUCLEAR REACTOR

:  
: Art Unit: 3641  
:  
: Examiner: R. Palabrica  
:  
:  
:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## TRANSMITTAL

- Transmitted herewith is:  
Amendment Transmittal Form ( 3 pgs.), in duplicate  
Amendment (17 pgs.), in response to Office Action dated June 10, 2004  
Return Post Card

## STATUS

- Applicant  
☐ claims small entity status.  
☒ is other than a small entity.

CERTIFICATE OF MAILING BY EXPRESS MAIL TO  
THE COMMISSIONER FOR PATENTS

Express Mail No. EV504793825US

Date: October 12, 2004

I hereby certify that the documents listed above are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Michael Tersillo, Reg. No. 42,180

### EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.

(complete (a) or (b), as applicable)

- (a) ☒ Applicant petitions for an extension of time under 37 C.F.R. 1.136  
(Fees: 37 C.F.R. 1.17(a)-(d) for the total number of months checked below:)

Extension for response within:	Other than small entity Fee	Small entity Fee (if applicable)
<input checked="" type="checkbox"/> first month	\$ 110.00	\$ 55.00
<input type="checkbox"/> second month	\$ 410.00	\$ 205.00
<input type="checkbox"/> third month	\$ 930.00	\$ 465.00
<input type="checkbox"/> fourth month	\$1,450.00	\$ 725.00
<input type="checkbox"/> fifth month	\$1,970.00	\$ 985.00
	Fee Due	<b>\$ 110.00</b>

If an additional extension of time is required, please consider this a petition therefor.

*(Check and complete the next item, if applicable)*

- ☐ An extension of \_\_\_\_\_ months has already been secured. The fee paid therefor \$\_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$ \_\_\_\_\_.

**OR**

- (b) ☐ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

### FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)	SMALL ENTITY		OTHER THAN SMALL ENTITY
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	ADDITIONAL RATE FEE	OR	ADDITIONAL RATE FEE
TOTAL		MINUS		=	x \$9 = \$		x \$18 = \$
INDEP.		MINUS		=	x \$42 = \$		x \$84 = \$
— FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					+ \$140 = \$		+ \$280 = \$
					TOTAL ADDITIONAL FEE \$	OR	TOTAL ADDITIONAL FEE \$

(a) ☒ No additional fee for Claims is required

**OR**

(b) ☐ Total additional fee for claims required \$

### FEE PAYMENT

5. Attached is a check in the sum of \$

☒ Charge Deposit Account No. 01-2384 the sum of \$110.00.  
A duplicate of this transmittal is attached.

### FEE DEFICIENCY

6. ☒ If any additional extension and/or fee is required, charge Deposit Account No. 01-2384.

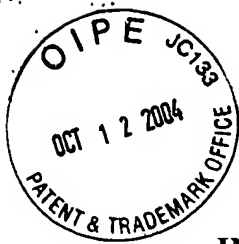
**AND/OR**

☒ If any additional fee for claims is required, charge Deposit Account No. 01-2384.

7. ☐ Other:



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314/621-5070



24-NS-123144  
PATENT

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**AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

In response to the Office Action dated June 10, 2004, please amend the above-identified patent application as follows.

10/18/2004 RFEKADU1 00000006 012384 10065516

01 FC:1251 110.00 DA